

Texas Department of Public Safety Texas Division of Emergency Management

Texas State Operations Center



Situation Awareness Brief



Monday, May 20th 2019
As of 0900 CST

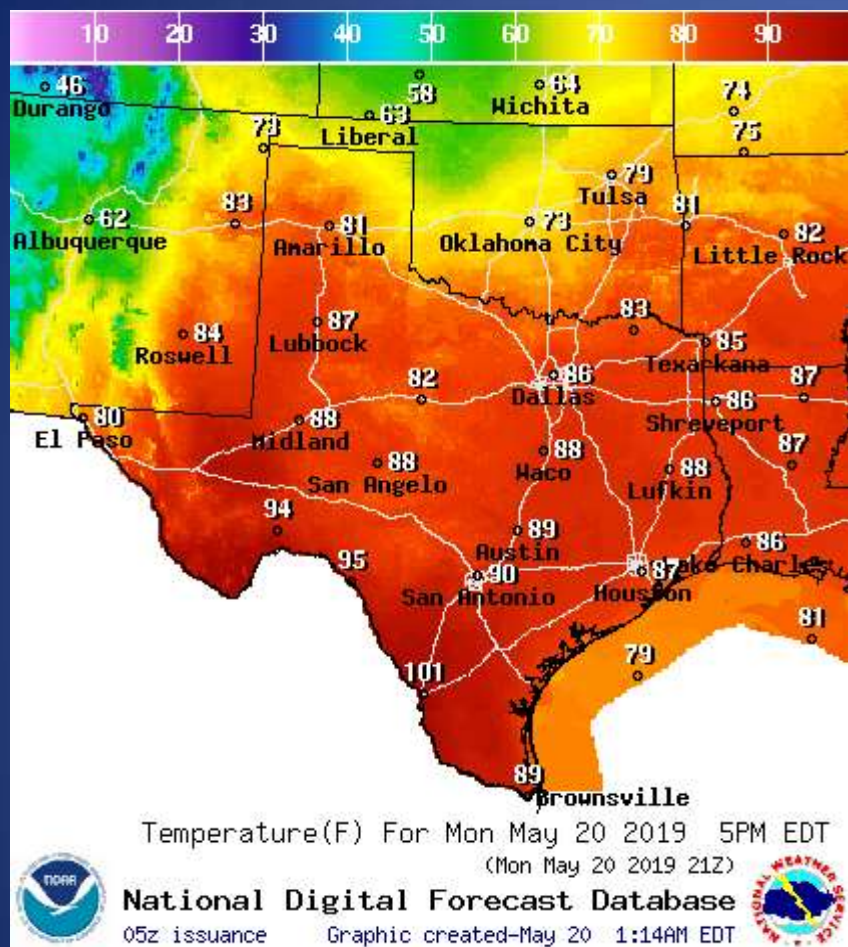
Incidents Reported to the State Operations Center (last 24 hours)

DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
5/19/19	Final Report of a Train Derailment	Anderson County	Y

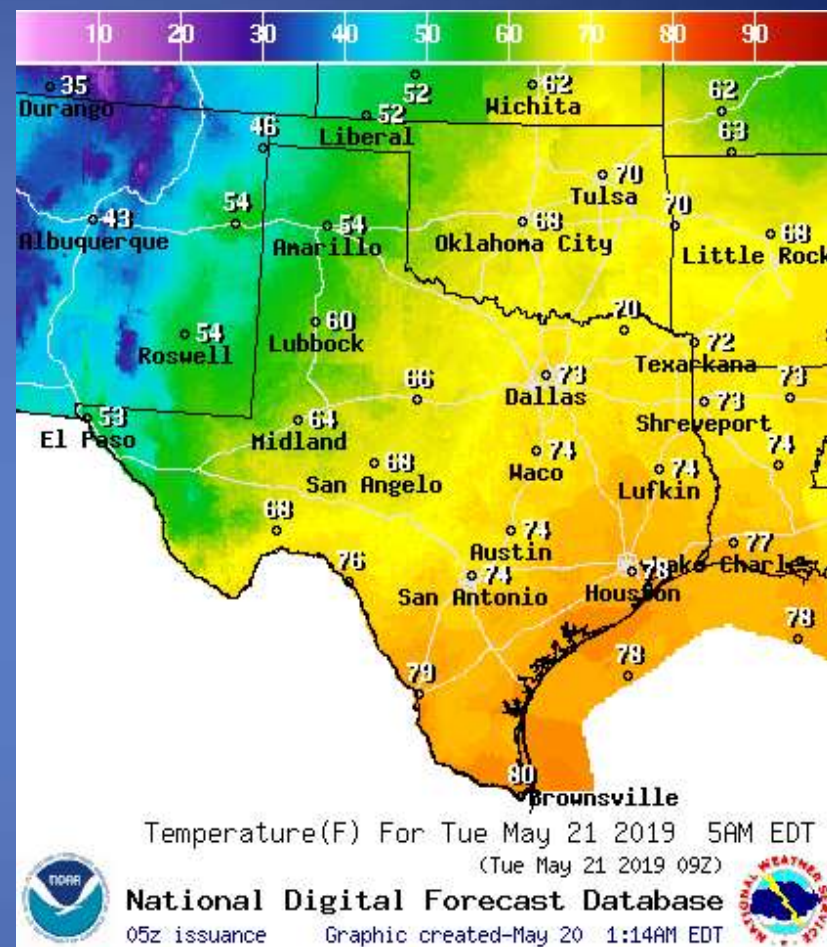
Informational Products Distributed by the State Operations Center

DATE	SUBJECT
05/19/19	NWS West Gulf River Forecast Center: River Flooding Update
05/19/19	NWS Shreveport, LA: Severe Weather Possible Again on Tuesday
05/19/19	NWS Lake Charles, LA: Damage Survey for 5/19/19 Tornado Event Affecting Jasper County
05/20/19	NWS Midland/Odessa: Briefing for Severe Weather/Tornado Outbreak Expected Today
05/20/19	NWS San Angelo: Public Information Statement: NWS Damage Survey for 05/18/2019 Tornado Event Update #1
05/20/19	Daily NWS Threat Brief for Monday, May 20, 2019 for FEMA Region 6

Weather Forecast

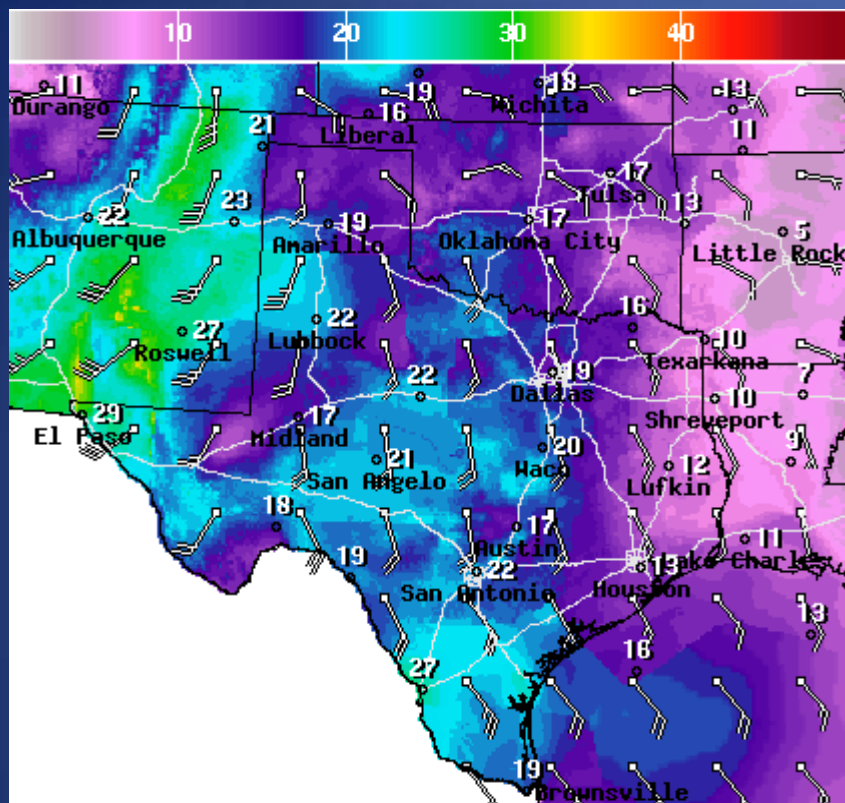


Highs



Lows

Weather Forecast



WindSpd(Kts) & WindDir For Mon May 20 2019 5PM EDT

(Mon May 20 2019 21Z)

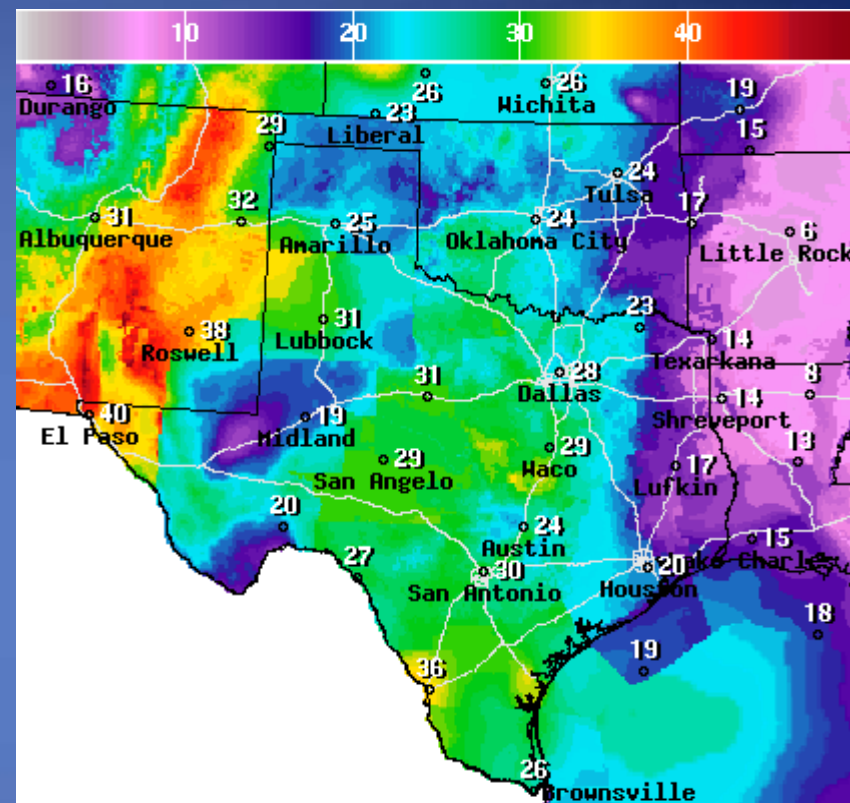


National Digital Forecast Database

05z issuance Graphic created-May 20 1:19AM EDT



Wind Speeds



Wind Gust(Kts) Mon May 20 2019 5PM EDT

(Mon May 20 2019 21Z)



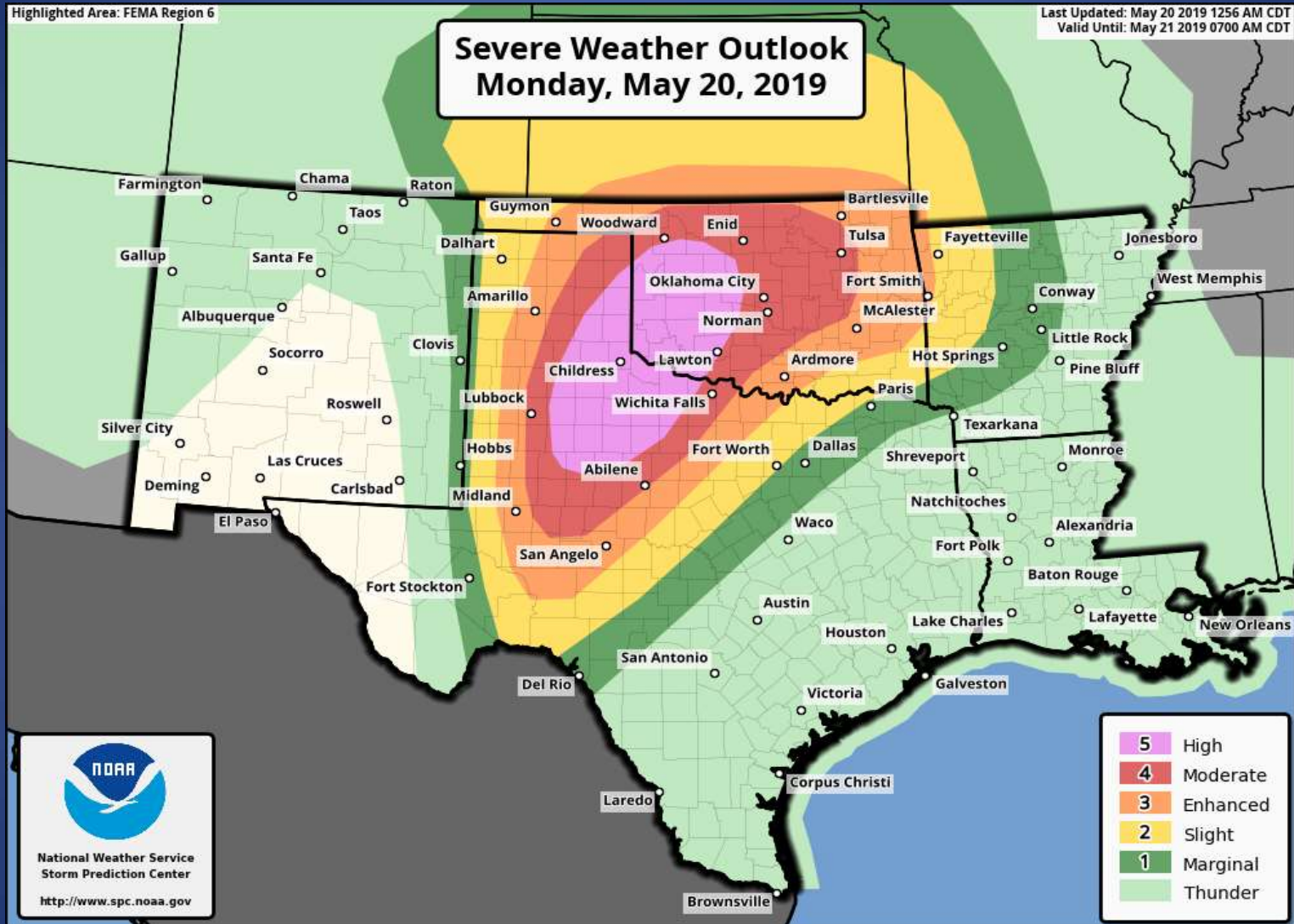
National Digital Forecast Database

05z issuance Graphic created-May 20 1:21AM EDT



Gusts

Hazardous Weather



Hazardous Weather

Windy and Dusty Monday

Peak Wind Gust Potential Monday Afternoon

Weather Forecast Office

El Paso, TX

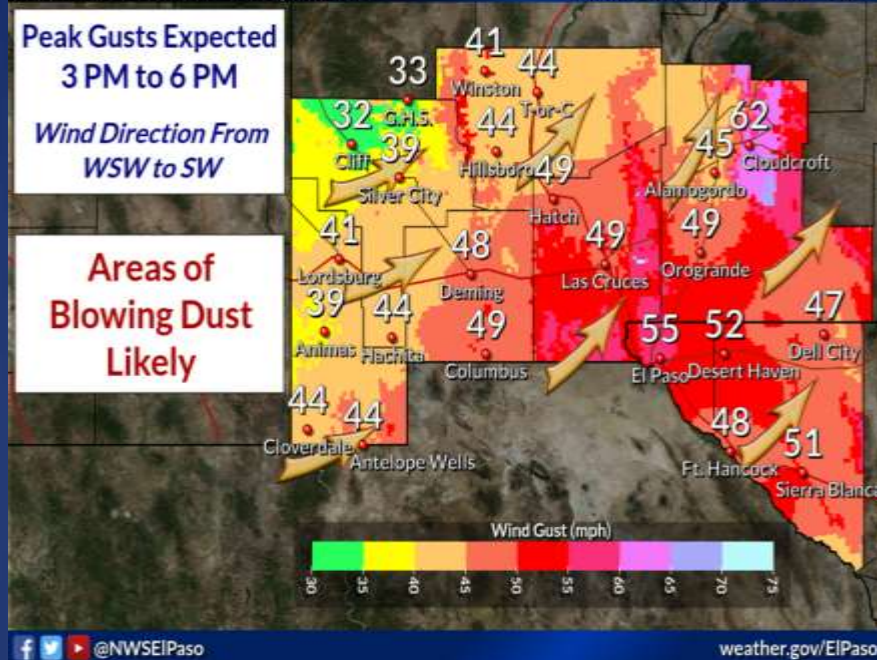
Issued May 19, 2019 2:48 PM MDT



Peak Gusts Expected
3 PM to 6 PM

Wind Direction From
WSW to SW

Areas of
Blowing Dust
Likely



@NWSElPaso

weather.gov/ElPaso

An upper level storm system and associated cold front, both more typical for early spring instead of late May, will move through the region on Monday. Strong southwest winds will gust 40 to 50 mph, with localized higher gusts possible east of area mountain ranges. This wind direction is usually ideal for bringing dust into the area from northern Chihuahua, and widespread blowing dust is expected.

Severe Thunderstorm Watch

In effect until 9 AM MDT

Weather Forecast Office

Midland/Odessa, TX

Issued May 20, 2019 2:09 AM CDT



NWSMidland

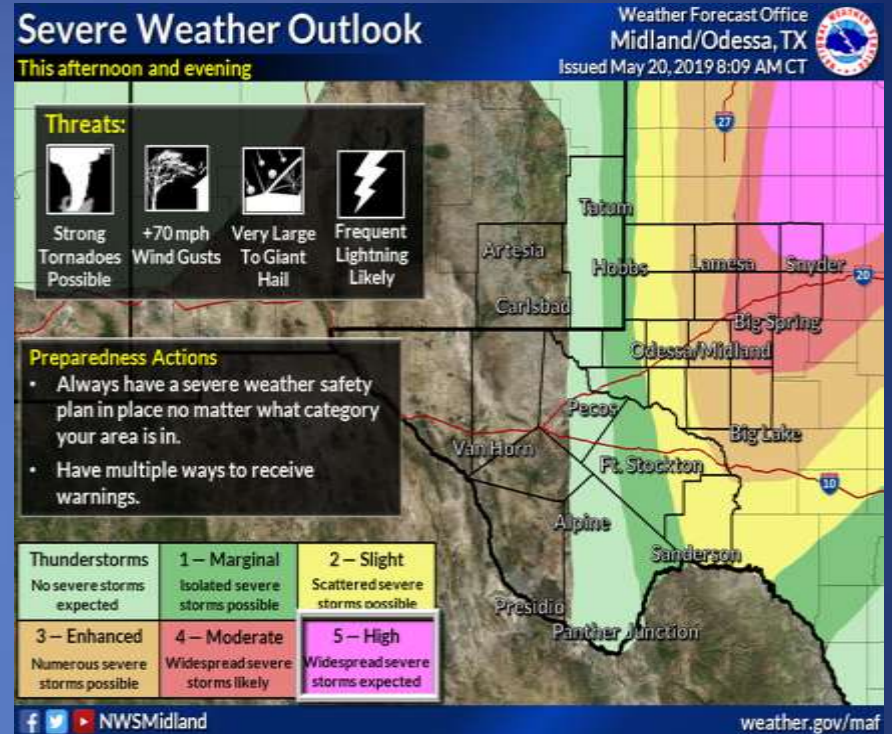
weather.gov/maf

Lea and Eddy counties are under a severe thunderstorm watch until 9 AM MDT this morning. Large hail and damaging winds could accompany severe storms.

Hazardous Weather



The main story in the forecast is the likelihood of severe thunderstorms. Supercell storms are possible this afternoon and evening, then a line of severe storms is expected this evening through late tonight. All types of severe weather, including strong tornadoes are possible. Stay weather aware!



A significant severe weather event is expected today into tonight across the Southern Plains. Locally, the risk mostly ranges from SLIGHT (level 2/5) to HIGH RISK (level 5/5) for severe weather. ALL severe weather hazards are possible, including very large to possibly giant hail, tornadoes, some of which could be strong, damaging winds, and of course heavy rain and lightning. Plan ahead now, and ensure you have multiple ways to receive warnings, especially at night!

Hazardous Weather

Severe Thunderstorm Watch

In effect until 10 AM

Weather Forecast Office
Lubbock, TX

Issued May 20, 2019 2:43 AM CDT







Hail up to 3" in diameter



Severe wind gusts to 70 mph



Unlikely
Possible
Likely

Visit www.weather.gov/lubbock for the latest updates on severe weather

Have *multiple* ways to receive warnings:
NOAA weather radio,
TV, radio, smartphone,
etc.

f t NWSLubbock

weather.gov/lub


A Severe thunderstorm watch is in effect until 10 am for almost all of the South Plains. Large hail to 3 inches in diameter and damaging winds to 70 mph are possible. An isolated tornado cannot be ruled out either.

Highly Active Severe Weather Today!

All hazards are in play, including possible long track tornadoes.


Weather Forecast Office
Amarillo, TX

Issued May 20, 2019 5:16 AM CDT



Things To Know About Today

- 1.) HAVE A SEVERE ACTION PLAN READY!!!
- 2.) Two rounds of Severe Weather:
 - Round 1: Mainly Hail Threat (Morning)
 - Round 2: All Hazards (Afternoon)
- 3.) All Hazards include:
 - * Hail likely greater than 2.00", Giant Hail 2.75" (Baseball) possible.
 - * Wind gusts >75mph
 - * Tornado's (Some could be long tracked)
- 4.) Isolated Flash Flooding

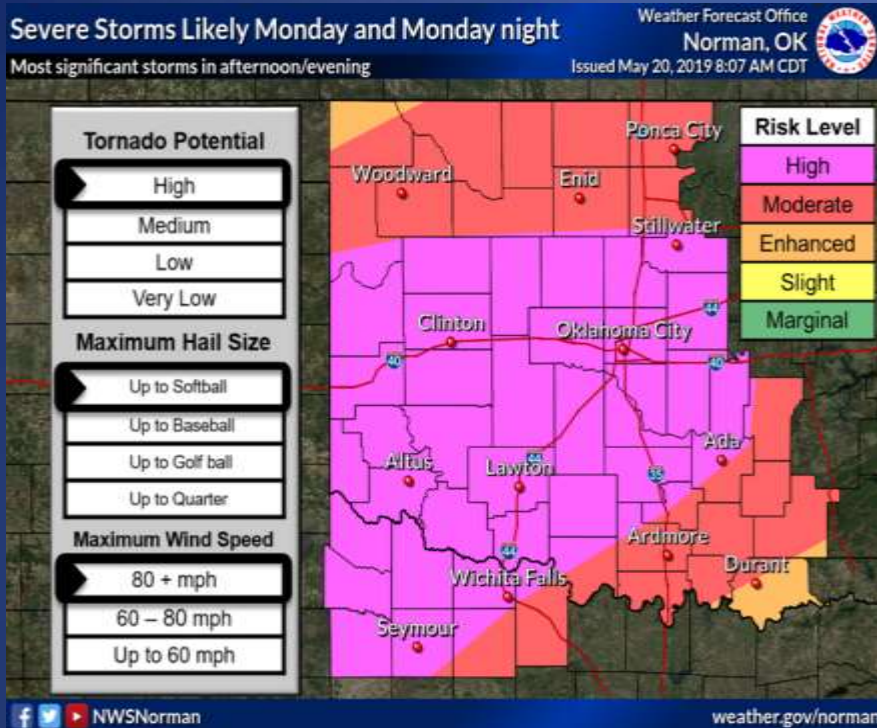


f t NWSAmarillo

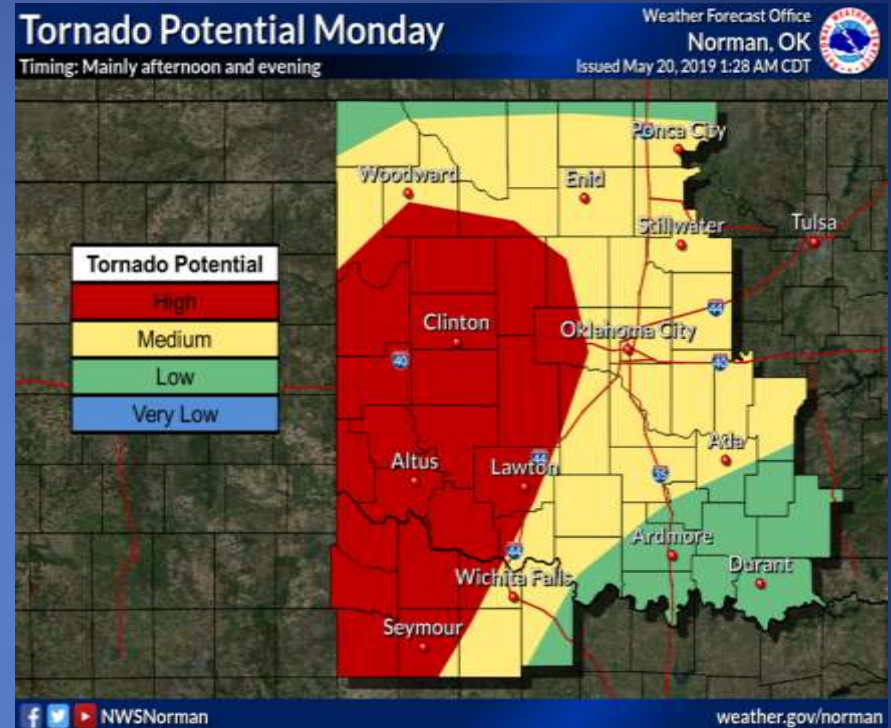
weather.gov/ama

Please have a Severe Weather Action Plan ready today. All hazards are in play, including very large hail, wind gusts over 75 mph, tornadoes. This includes possible long track tornadoes. Isolated Flash Flooding is possible. Don't wait, be prepared, have ways to get your weather alerts.

Hazardous Weather



We currently expect hail to be the initial risk early in the morning, mainly across western Oklahoma. The tornado risk will increase rapidly in the afternoon across western north Texas and western Oklahoma, and spread into central portions of Oklahoma by evening. Damaging winds and flooding should be the primary threats overnight Monday night through Tuesday morning across central and eastern Oklahoma.



The tornado risk will increase rapidly across western Oklahoma and western north Texas in the afternoon, then continue into the evening as storms spread slowly east into central Oklahoma. Tornado risk should diminish slowly overnight.

Hazardous Weather

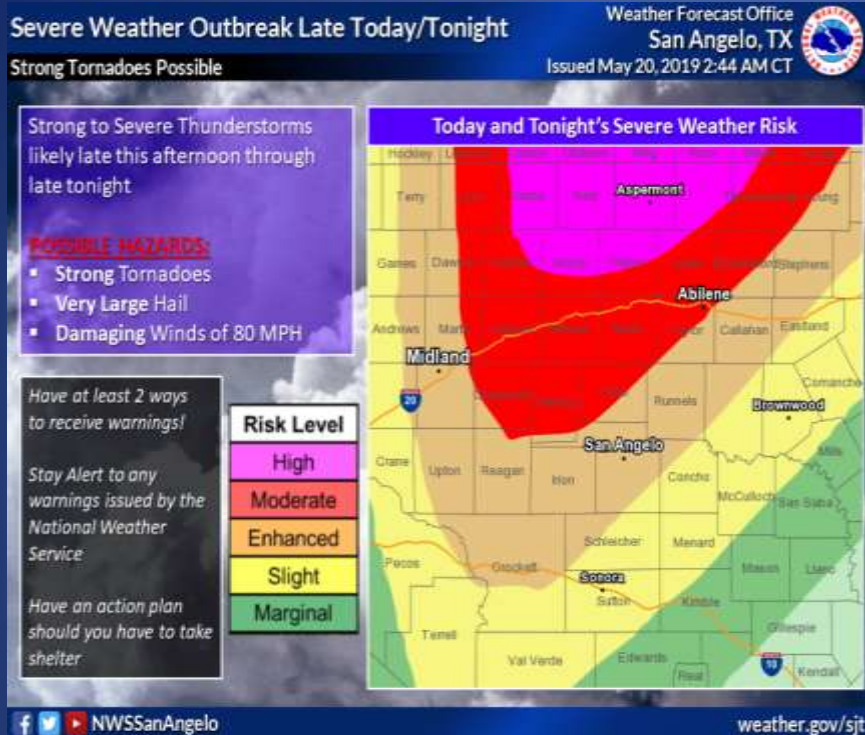


Another potent disturbance pushing into the Plains today has the potential to produce severe weather across the far northwest parts of the region during the afternoon and through early evening hours. The primary threat with any severe storms will be damaging wind gusts and large hail, although an isolated tornado cannot be ruled out.



Due to gusty winds today which could reach as high as 35-40mph a Wind Advisory has been issued for the entire area today. South to Southeast winds could be sustained at 15 to 25 mph, with higher gusts. This will mean loose and unsecured outdoor items may be blown around and driving higher profile vehicles may be difficult.

Hazardous Weather



A life-threatening situation will likely develop across West Central Texas late this afternoon and tonight. A severe weather outbreak is likely, with the potential for strong, damaging tornadoes, very large hail and damaging winds. Stay weather aware and have an action plan in place should any warnings be issued.



A Wind Advisory is in effect for all of West Central Texas from noon today through 1 AM CDT.

Hazardous Weather

Severe Potential Today Through Tuesday

Weather Forecast Office
Fort Worth, TX

Issued May 20, 2019 4:20 AM CT



1) Today Noon-6pm

IF storms develop:
• Large Hail
• Tornadoes



2) Today 6pm-Midnight



3) Tuesday Midnight-7am

Storms form into line and move east.

Main hazard:
Damaging winds



4) Tuesday 7am-2pm

Line of storms continues east with a wind and hail threat.



f t NWSFortWorth

weather.gov/fortworth

There will be the potential for severe storms across parts of North and Central Texas Today into Tuesday. If storms can develop in North Texas this afternoon, they could be severe with a hail/tornado threat. After a lull in the evening, a line of storms will form to the west and move into the area after midnight tonight with primarily a damaging wind threat. Activity will taper off from west to east during the day on Tuesday.

Wind Advisory

Weather Forecast Office
Fort Worth, TX

Issued May 20, 2019 5:53 AM CDT



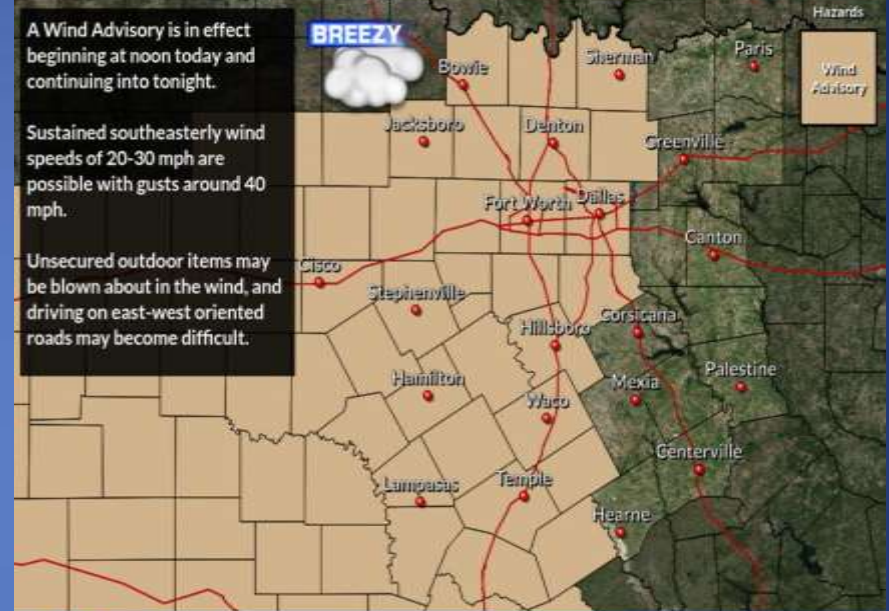
Noon Today Through 1 AM Tuesday

A Wind Advisory is in effect beginning at noon today and continuing into tonight.

Sustained southeasterly wind speeds of 20-30 mph are possible with gusts around 40 mph.

Unsecured outdoor items may be blown about in the wind, and driving on east-west oriented roads may become difficult.

BREEZY



f t NWSFortWorth

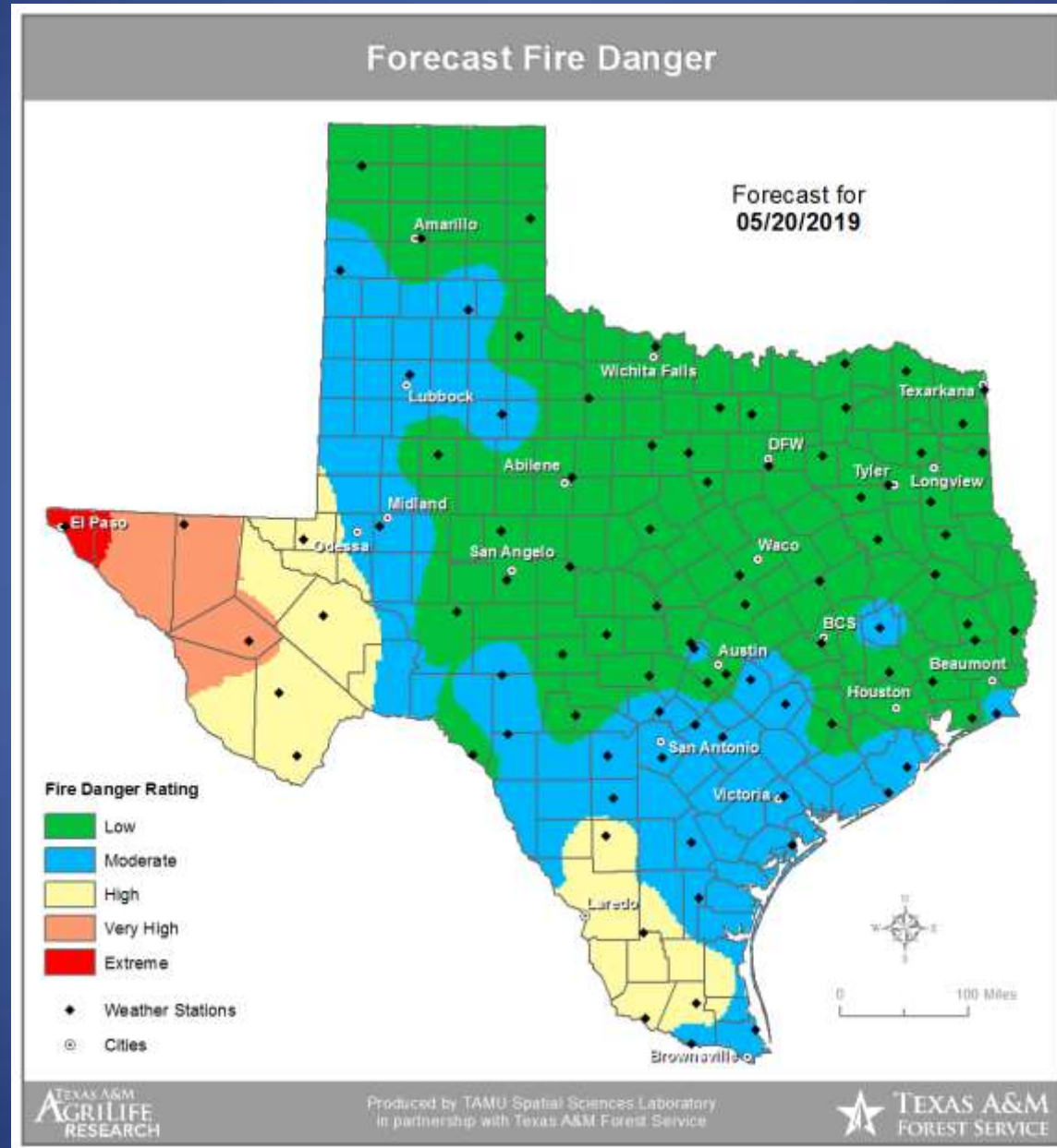
weather.gov/fortworth

A Wind Advisory is in effect from noon today through 1 AM tonight. Southeast winds of 20-30 mph with gusts around 40 mph will be possible.

Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
05/19/19	Flood Warning	Navasota River Near Easterly Affecting Leon and Robertson Counties; Neches River Near Evadale Affecting Jasper County
05/19/19	Flood Advisory	Montgomery County
05/20/19	Coastal Flood Advisory	Brazoria Islands, Galveston Island and Bolivar Peninsula Affecting Brazoria, Galveston and Matagorda Counties
05/20/19	Severe Thunderstorm Warning	Armstrong, Castro, Deaf Smith, Hansford, Hemphill, Hutchinson, Lipscomb, Ochiltree, Oldham, Potter, Randall, Roberts and Swisher Counties
05/20/19	Flood Advisory	Hansford, Hartley, Hutchinson, Sherman and Moore Counties

Fire Danger Forecast



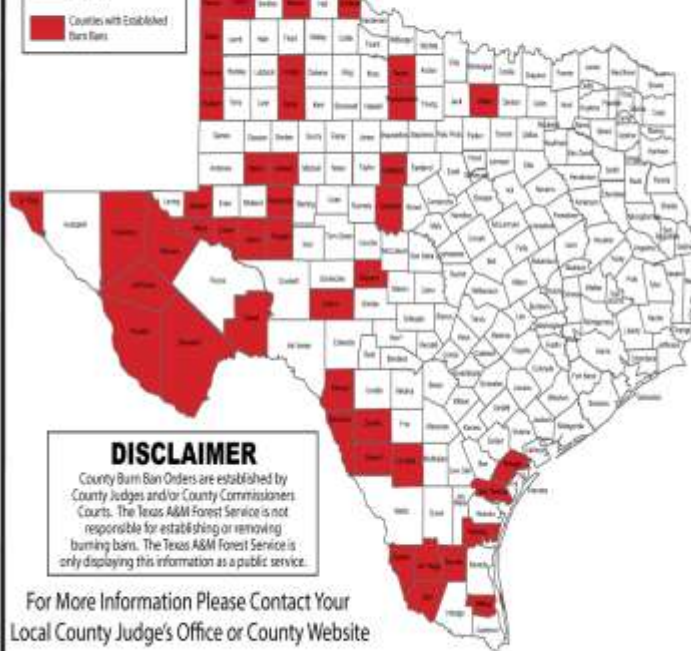
Burn Bans and KBDI INDEX

OUTDOOR BURN BANS

May 20, 2019



Email updates to:
burnban@tfs.tamu.edu



DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your
Local County Judge's Office or County Website

RED FLAG WARNINGS: www.weather.gov

Burn Ban RSS feed available at <http://tfsrhp.tamu.edu/wildfires/BurnBan.xml>

Counties with Burn Bans: 46

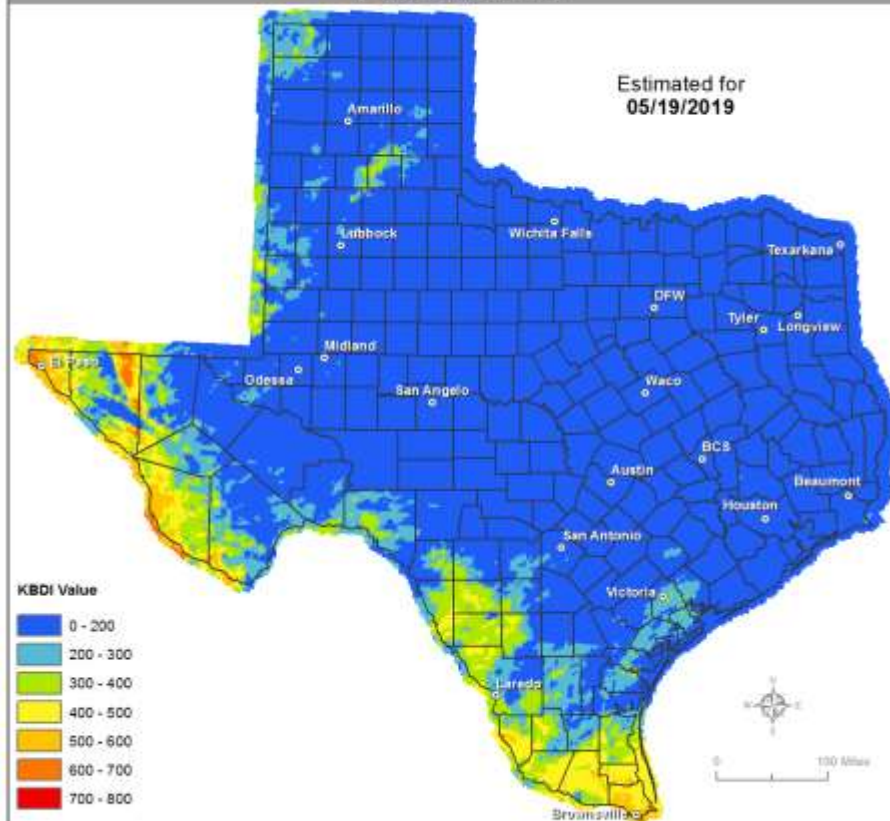
Armstrong
Baker
Baylor*
Brewster
Briscoe
Brooks
Calleman
Castro
Childress
Cochran
Coleman
Crane
Crosby
Culberson
Dallam
El Paso
Garza
Glasscock
Howard
Jeff Davis
Jim Hogg
Kinney*
Kleberg
La Salle
Martin
Maverick
Menard
Ochiltree
Parker
Presidio
Reagan
Reeves
Refugio
San Antonio
San Diego
Sutton
Tarrant
Terrell
Throckmorton
Upton
Ward
Willacy
Wilder*
Wise*
Yoakum
Zapata
Zavala

* Burn Ban is either County or Statewide
* Burn Ban is either County or Statewide

Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for
05/19/2019



KBDI Value

0 - 200
200 - 300
300 - 400
400 - 500
500 - 600
600 - 700
700 - 800

TEXAS A&M
AGRI LIFE
RESEARCH

Produced by TAMU Spatial Sciences Laboratory
in partnership with Texas A&M Forest Service

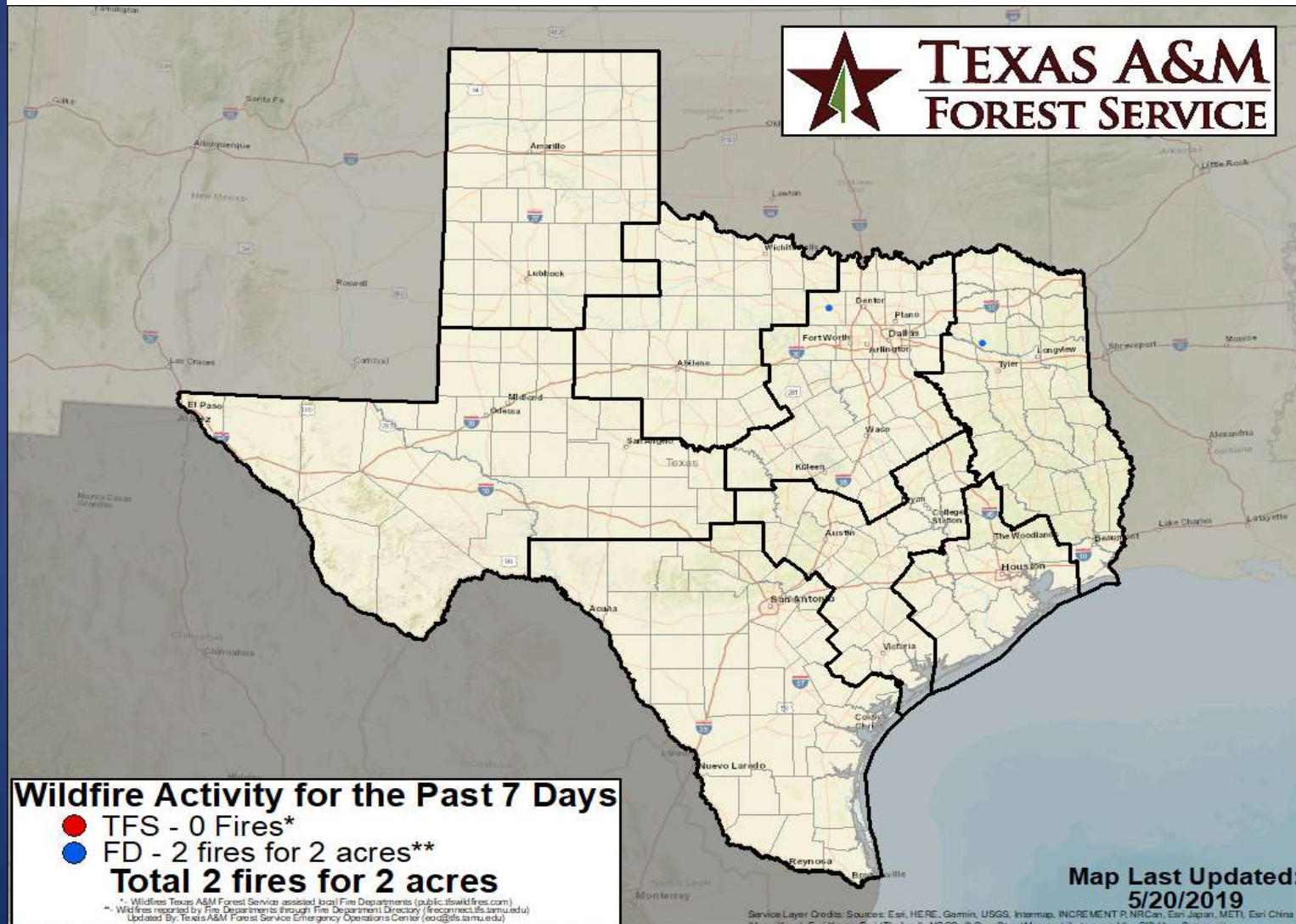
TEXAS A&M
FOREST SERVICE

Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
05/20/19	High Wind Warning	Van Horn and Highway 54 Corridor Affecting Culberson County; Davis Mountains Affecting Jeff Davis County
05/20/19	Fire Danger Statement	Brewster, Culberson, El Paso, Hudspeth, Jeff Davis, Pecos, Presidio, Reeves and Terrell Counties

Fire Activity (*Last 24 Hours)

Reports 82 (no change) fires and 18,041 (no change) acres destroyed this year. There are 46 (no change) counties with burn bans. The Keetch–Byram Drought Index list 5 (+1) counties with an average over 400.



Training

DATES		TITLE	COURSE	LOCATION
05/07/19	05/23/19	Community Emergency Response Team (CERT) Course	G-317	Fort Worth
05/20/19	05/24/19	NIMS ICS All-Hazards Situation Unit Leader (SITL) Course	E/I-964	South Amarillo

Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
05/21/19	05/21/19	University of Houston	Full Scale: SETRPC Full-Scale Exercise
05/21/19	05/21/19	FEMA Emergency Management Institute	VTTX: Non-Stafford Act Incidents/Intelligence and Information Sharing; Active Threat (Vehicle As Weapon)
05/21/19	05/21/19	U.S. Coast Guard/Port Arthur	Table Top: MSU Port Arthur Military Outload TTX FY2019
05/21/19	05/21/19	South East Texas Regional Planning Commission/ Beaumont	Full Scale: South East Texas Regional Planning Commission Complex Coordinated Terrorism Attack Full Scale Exercise

Statewide Significant Events

DATE(S)		LOCATION	EVENT
01/08/19	05/27/19	Austin	86 th Texas Legislature
05/19/19	05/22/19	Arlington	Texas Rangers Home Baseball Game
05/20/19	05/22/19	Houston	Houston Astros Home Baseball Game